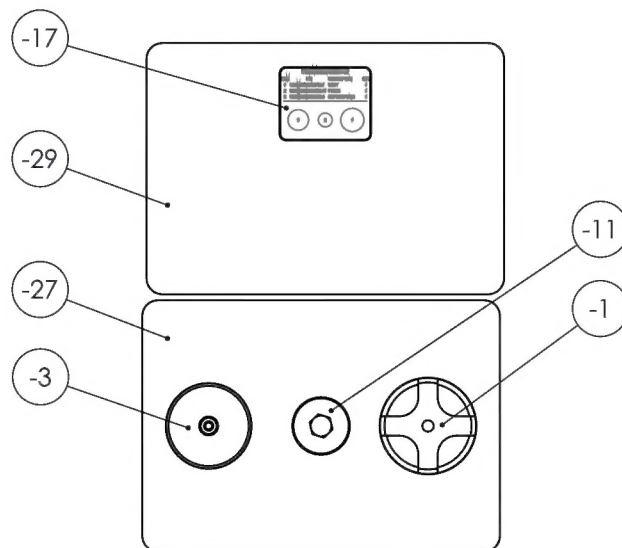


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	1/8/2016	DPD	JAG
2	16-0289	-1 CH'D DIM WAS Ø3.623 IS Ø3.623 Δ WAS .047 IS .047 Δ CH'D DIM WAS Ø3.545 Δ IS Ø3.544 \pm .001 (S.F. -7) Δ ADDED HEAT TREAT RC 28-32. CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, MADE IN USA IS LASER ENGRAVE T/N, S/N, MADE IN USA. -3 CORRECTED P/N WAS -7 IS -5. -7 CH'D DIM WAS Ø3.54 IS Ø3.540 \pm .001 (S.F. -1). CH'D ENGRAVE NOTE WAS "RBEM632V3008102-5" IS "RBEM632V3008102-3". ADDED HEAT TREAT RC 28-32. -9 CH'D DIM WAS 3X .275 IS 3X .276/.267. -13 CH'D ENGRAVE NOTE WAS ENGRAVE IS LASER ENGRAVE. CH'D MATERIAL WAS WHITE DELRIN IS WHITE DELRIN/ACETAL. -17 CORRECTED P/N WAS RBEM632V3008102-5 IS RBEM 632V3008102-3. -27 & -29 CH'D MATERIAL WAS Y20 BLACK, IS ETHAFOAM 220, BLACK, CASE SOLUTIONS. -27 CH'D DIM WAS 4X R.63 IS 4X 45°, AND 4X .75, WAS 10.40 IS 10.47, WAS 14.94 IS 10.89, WAS 4.29 IS 4.26. -29 CH'D DIM WAS 10.28 IS 10.47, WAS 14.69 IS 14.89, WAS 4X R.64 IS 4X 45°, AND 4X .67, WAS 5.44 IS 5.54, WAS 4X R.25 IS 4X R.28.	10/18/2016	RJC	JAG



ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				-1	1	BODY	4140/4142		2
		X		-3	1	SUPPORT RING ASSEMBLY			3
	X	1		-5		SUPPORT RING WELDMENT			4
	1			-7		SUPPORT RING	4140/4142		5
	1			-9		SCREW	STEEL	M10 X 1.5 X 62mm (MCMASTER-CARR #1078N13) MODIFIED	6
X				-11	1	PRESS			7
1				-13		DISC	WHITE DELRIN/ACETAL		8
1				-15		BOLT	S.S.	M14 X 2mm X 50mm (MCMASTER-CARR #91287A786) MODIFIED	9
				-17	1	LOCATION PLACARD	PLASTIC		10
		1	B/O	-19		HEX NUT	STEEL	M10 X 1.5mm (MCMASTER-CARR #92497A450)	3
		1	B/O	-21		FLAT WASHER	STEEL	M10 (MCMASTER-CARR #91166A280)	3
1			B/O	-23		FLAT HEAD SCREW	S.S.	M5 X .8 X 16mm (MCMASTER-CARR #91801A260)	7
			B/O	-25	1	CASE	PLASTIC	PELICAN #APP-1450-E	N/S
			B/O	-27	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	4.26 X 10.47 X 14.89 (CASE SOLUTIONS)	11
			B/O	-29	1	LID FOAM	ETHAFOAM 220, BLACK	1.79 X 10.47 X 14.89 (CASE SOLUTIONS)	12
			B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S
ASSY -11	ASSY -5	ASSY -3							

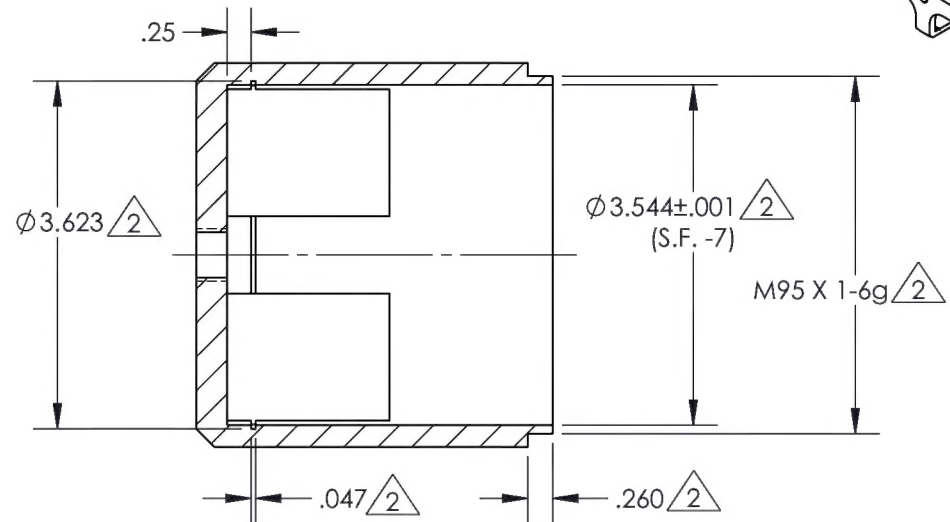
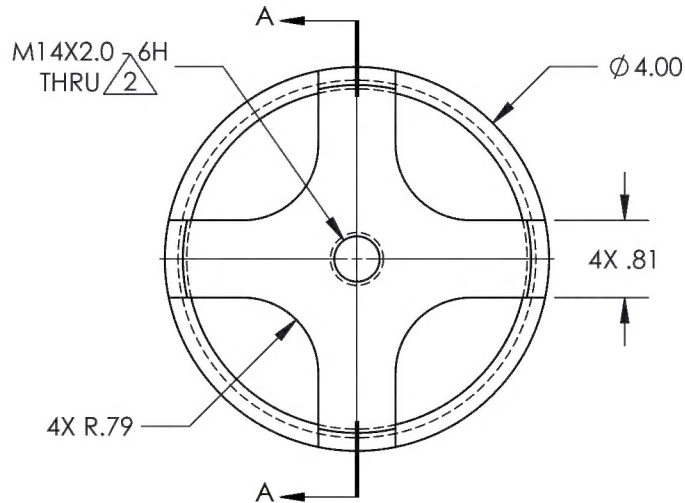
NOTE:
REFERENCE AIRBUS T/N: M632V3008102.



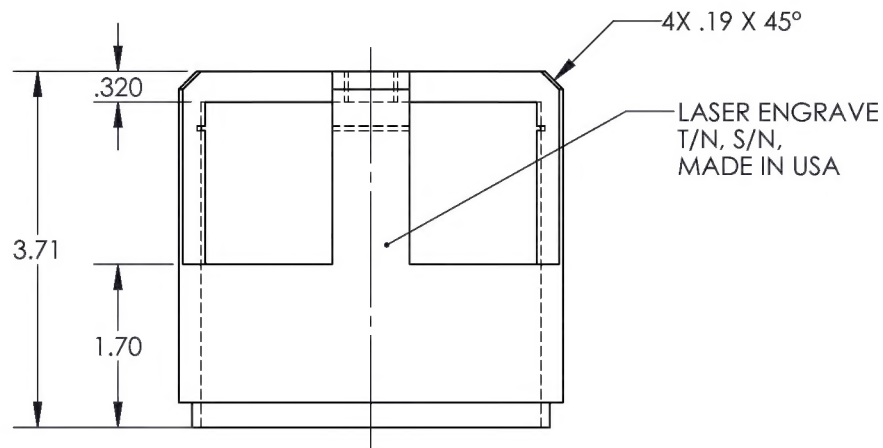
TITLE		OUTPUT FLANGE SEAL EXCHANGE	
DWG NO.	RBEM632V3008102		REV 2
MAT'L	UNLESS OTHERWISE SPECIFIED		
HEAT TREAT	DIMENSIONS ARE IN INCHES		
FINISH	.XXX \pm .005 FRACTIONS \pm 1/8		
SPEC	.XX \pm .01 ANGLES \pm 5°		
DRAWN BY:	CLOUGH		
CHECKED:	DUERFELDT		
OPPS APPR:	ANDERSON		
QA APPR:	LINDSAY		
APPROVED:	GILBERT		
SCALE	1:8	DATE	11/30/2015
		SHEET 1 OF 12	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0289	-1 CH'D DIM WAS Ø3.623 IS Ø3.623 \triangle WAS .047 IS .047 \triangle CH'D DIM WAS Ø3.545 \triangle IS Ø3.544 \pm .001 (S.F. -7) \triangle ADDED HEAT TREAT RC 28-32. CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, MADE IN USA IS LASER ENGRAVE T/N, S/N, MADE IN USA.	10/18/2016	RJC	JAG



SECTION A-A



(1)
BODY

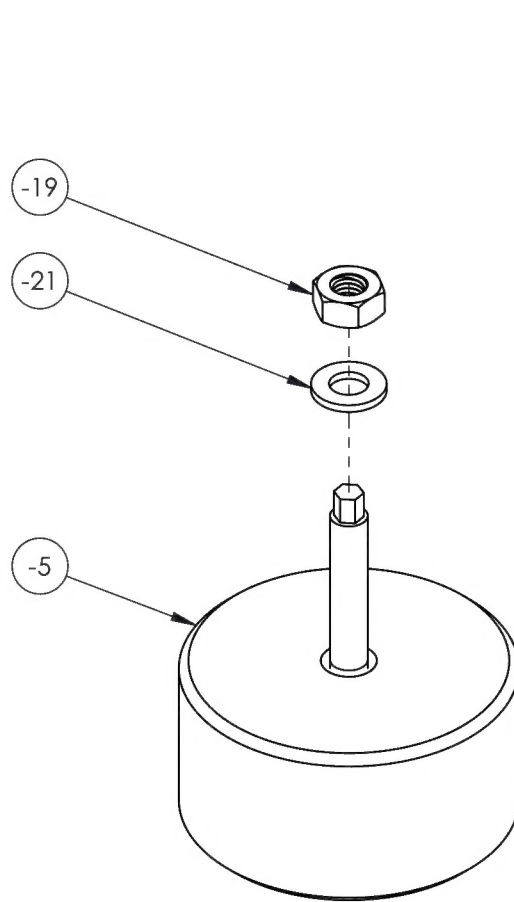
NOTES:

- DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC 2.
2ND: POWDER COAT YELLOW, FED #13538.
- \triangle NO POWDER COAT THIS SURFACE.

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-1	REV 2
MAT'L 4140/4142 HEAT TREAT RC 28-32 FINISH SEE NOTE 1 SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL H175	
SCALE 1:2	DATE 11/30/2015
SHEET 2 OF 12	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0289	-3 CORRECTED P/N WAS -7 IS -5.	10/18/2016	RJC	JAG



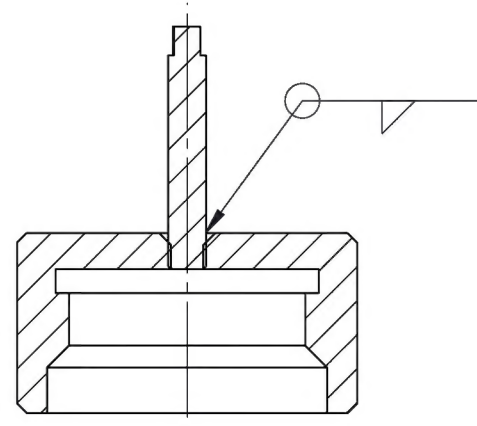
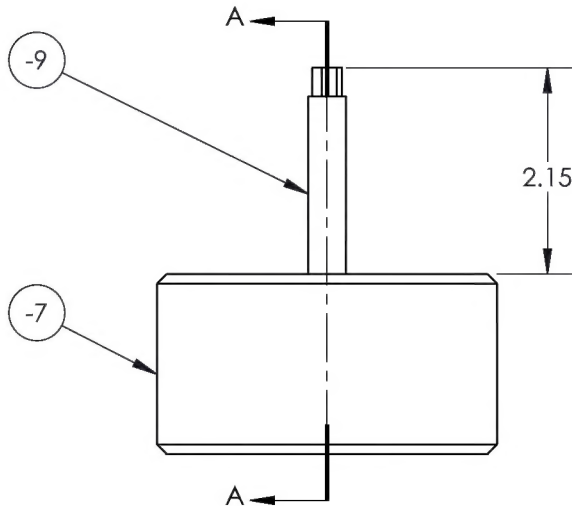
(3)

SUPPORT RING ASSEMBLY

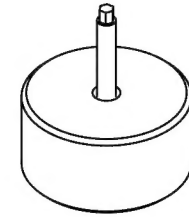
DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-3	REV 2
MAT'L REPT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° ✓
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:2	DATE 11/30/2015
SHEET 3 OF 12	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



SECTION A-A

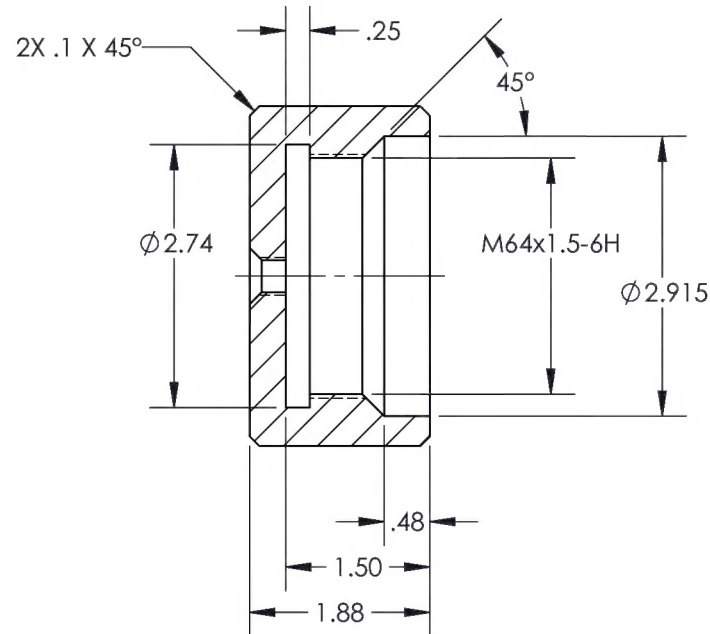
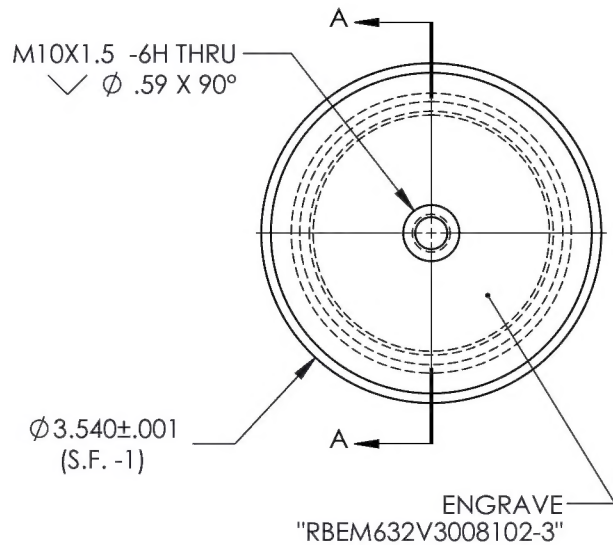
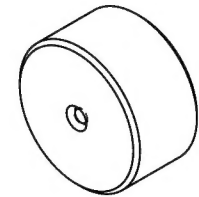


(5)
SUPPORT RING WELDMENT

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-5	REV 2
MAT'L HEAT TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:2	DATE 11/30/2015
SHEET 4 OF 12	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0289	-7 CH'D DIM WAS Ø3.54 IS Ø3.540 ±.001 (S.F. -1), CH'D ENGRAVE NOTE WAS "RBEM632V3008102-5" IS "RBEM632V3008102-3", ADDED HEAT TREAT RC 28-32.	10/18/2016	RJC	JAG



SECTION A-A

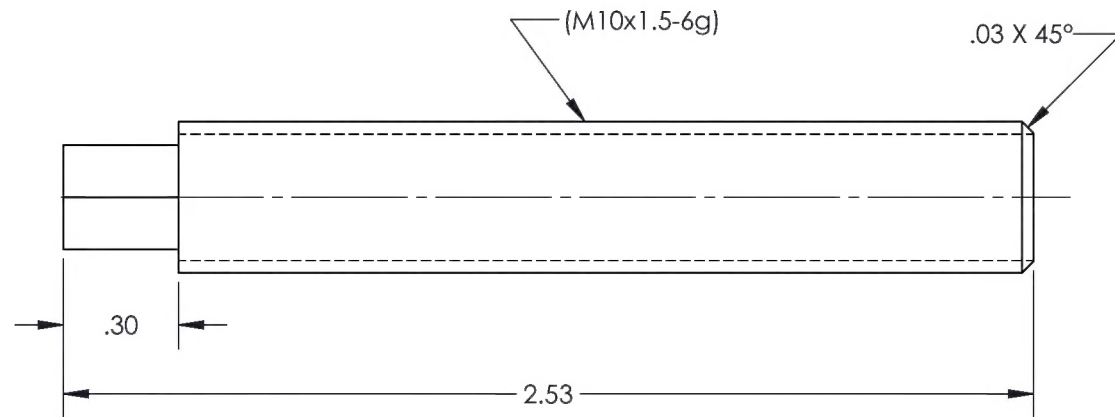
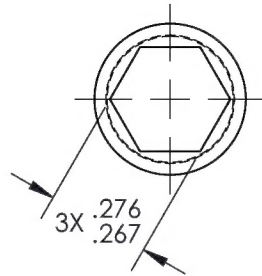
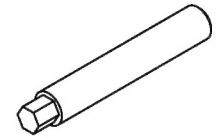
(7)

SUPPORT RING

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-7	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 28-32	DIMENSIONS ARE IN INCHES
FINISH SEE -5	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125✓
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 11/30/2015	USED ON MODEL
SHEET 5 OF 12	H175

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0289	-9 CH'D DIM WAS 3X .275 IS 3X .276/.267.	10/18/2016	RJC	JAG

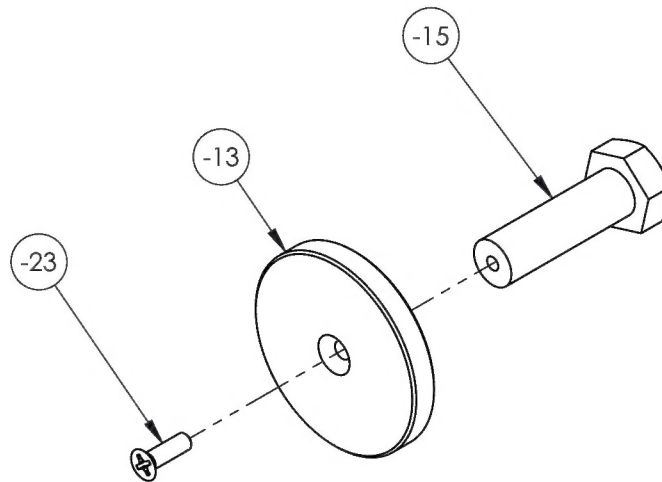
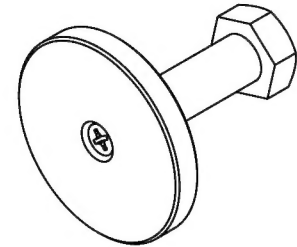


(-9)
SCREW

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-9	REV 2
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -5	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 2:1	DATE 11/30/2015
	SHEET 6 OF 12

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



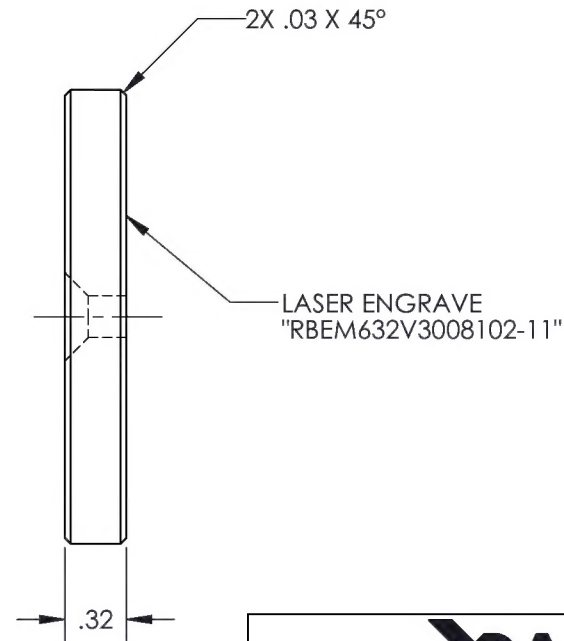
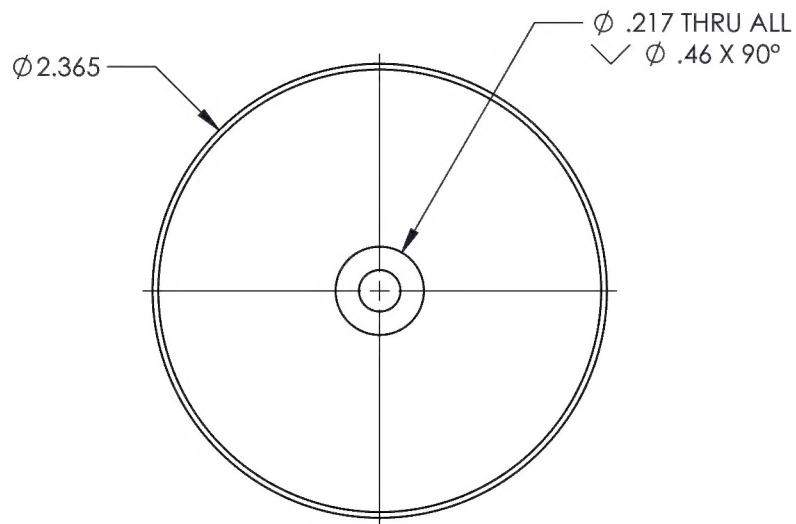
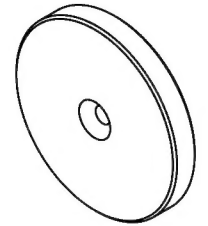
(-11)

PRESS

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-11	REV 2
MAT'L REPT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED:	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR:	USED ON MODEL
QA APPR:	H175
APPROVED:	
SCALE 1:2	DATE 12/1/2015
SHEET 7 OF 12	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0289	-13 CH'D ENGRAVE NOTE WAS ENGRAVE IS LASER ENGRAVE, CH'D MATERIAL WAS WHITE DELRIN IS WHITE DELRIN/ACETAL.	10/18/2016	RJC	JAG



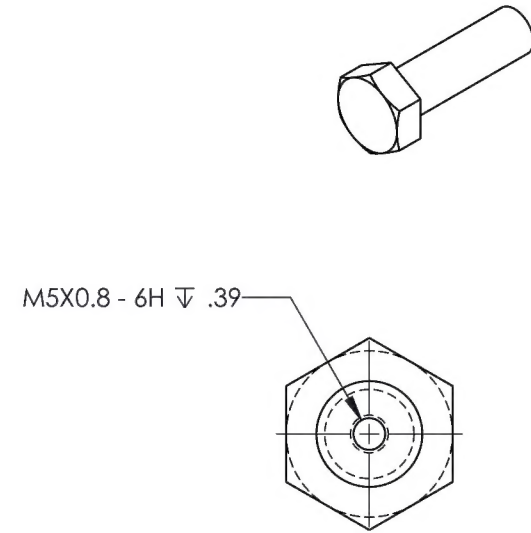
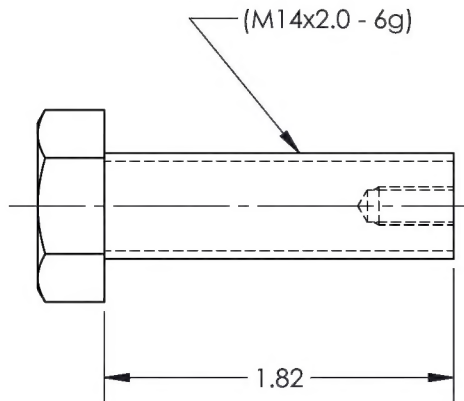
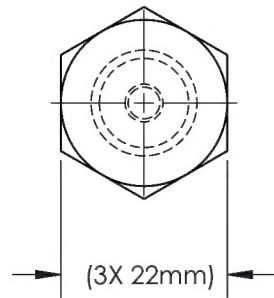
(-13)

DISC

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-13	REV 2
MAT'L WHITE DELRIN/ACETAL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 11/30/2015
	SHEET 8 OF 12

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

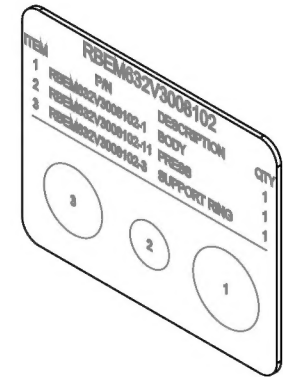
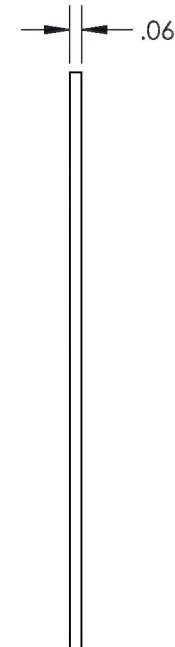
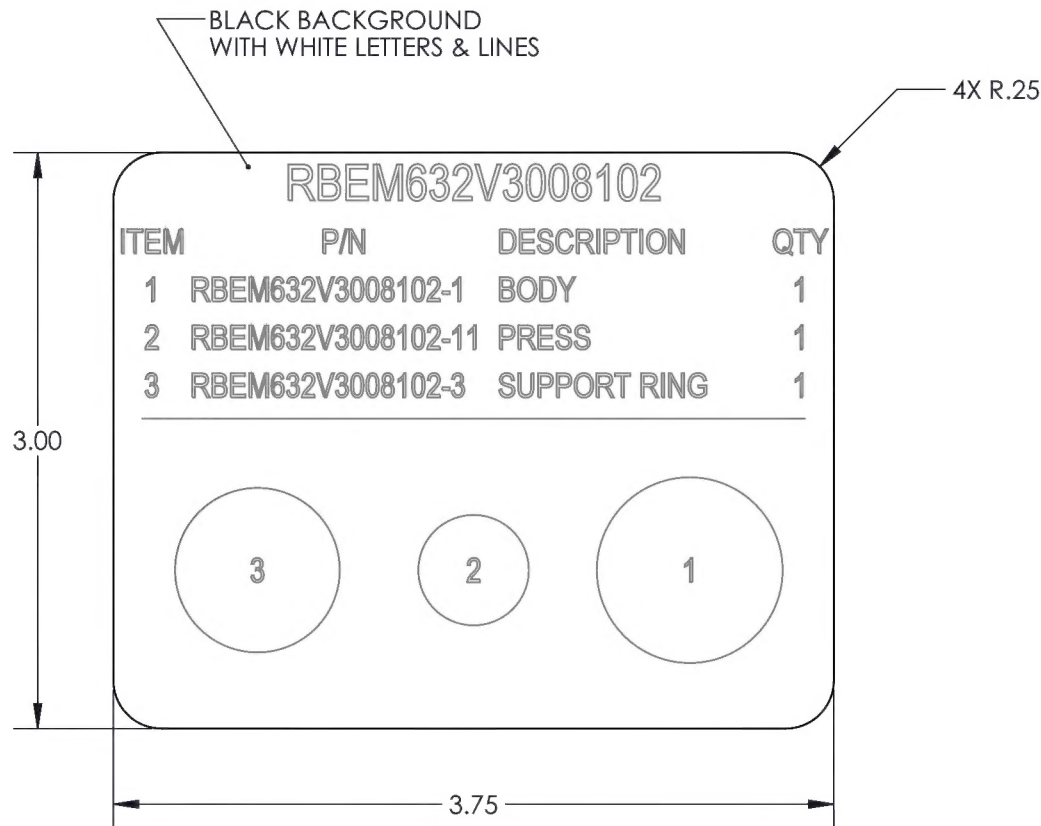


(15)
BOLT

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-15	REV 2
MAT'L S.S.	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
QA APPR: LINDSAY	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
APPROVED: GILBERT	USED ON MODEL
	H175
SCALE 1:1	DATE 11/30/2015
	SHEET 9 OF 12

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0289	-17 CORRECTED P/N WAS RBEM632V3008102-5 IS RBEM 632V3008102-3.	10/18/2016	RJC	JAG



NOTE:
USE PDF.

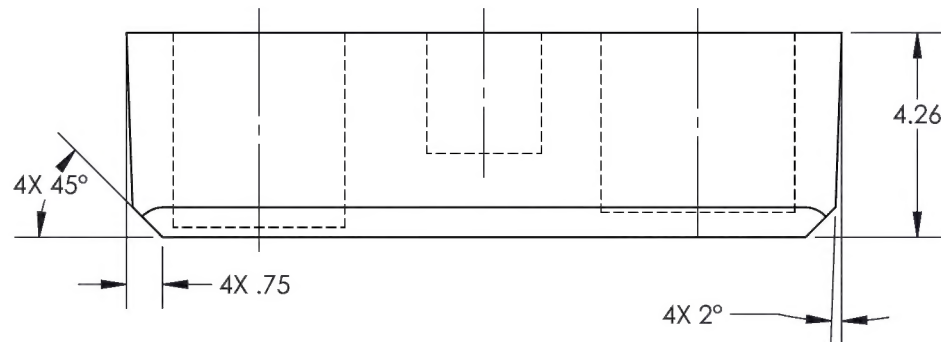
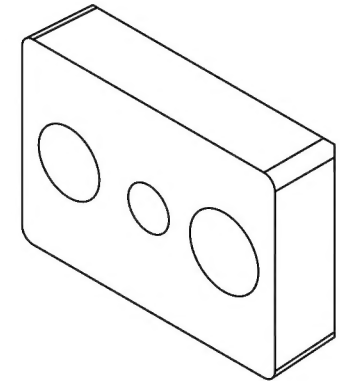
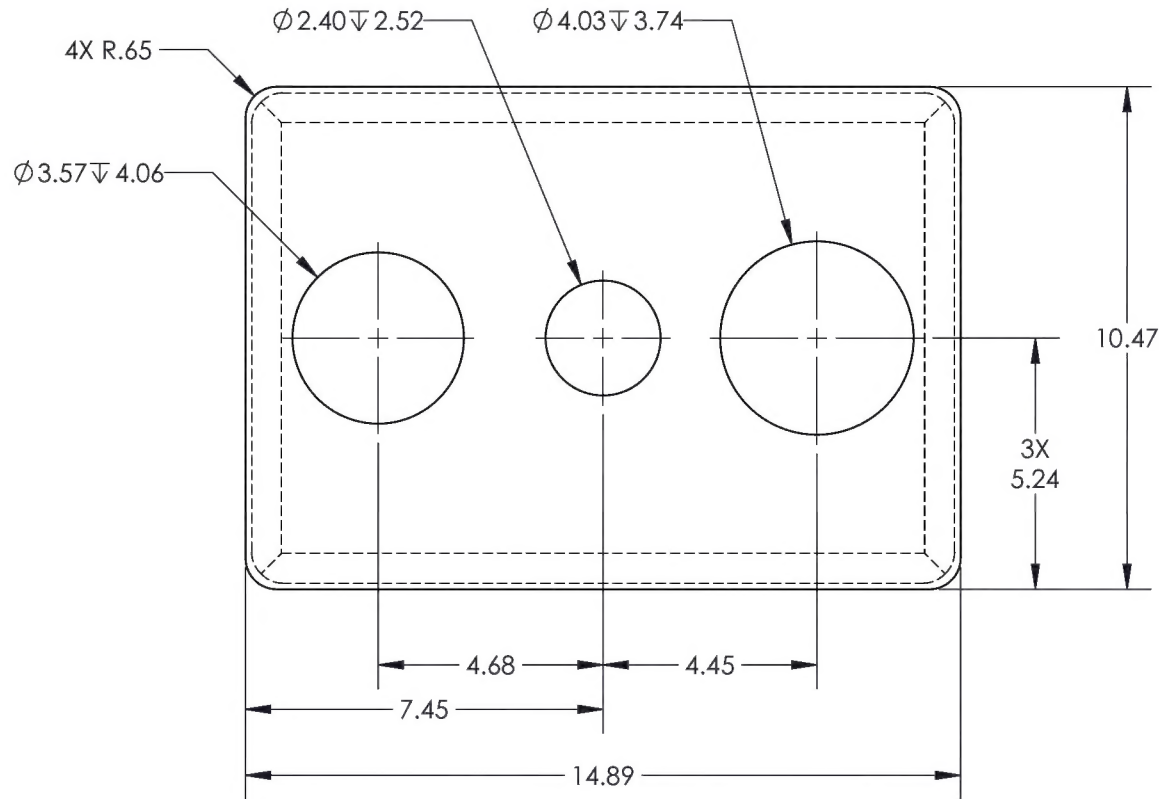
(-17)

LOCATION PLACARD

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-17	REV 2
MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 12/1/2015
	SHEET 10 OF 12

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0289	-27 CH'D DIM WAS 4X R.63 IS 4X 45°, AND 4X .75, WAS 10.40 IS 10.47, WAS 14.94 IS 10.89, WAS 4.29 IS 4.26, CH'D MATERIAL WAS Y20 BLACK, IS ETHAFOAM 220, BLACK, CASE SOLUTIONS.	10/18/2016	RJC	JAG



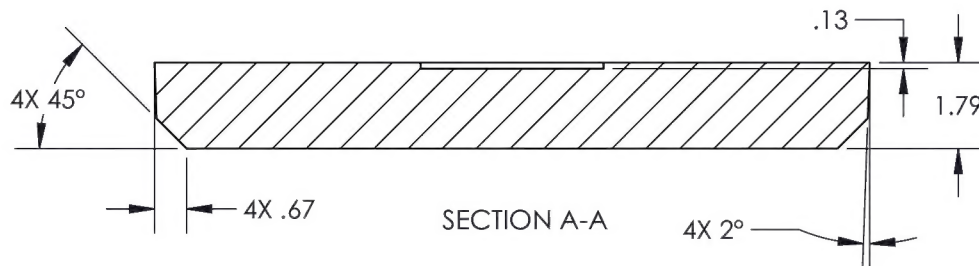
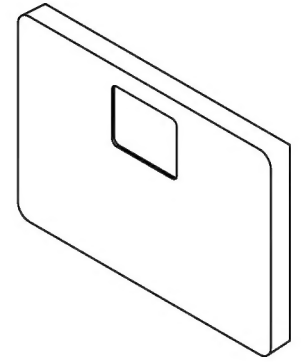
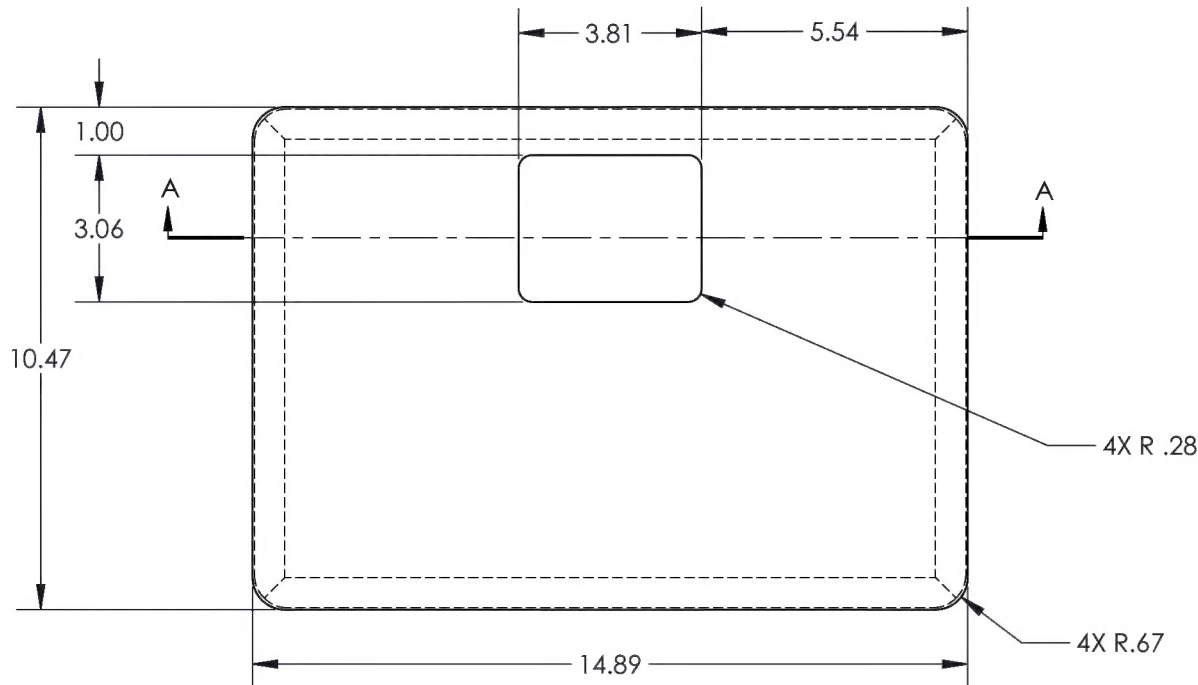
(-27)

BOTTOM FOAM

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEM632V3008102-27	REV 2
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
FEAT TREAT FINISH	.XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
SPEC	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE 1:4	DATE 12/1/2015
SHEET 11 OF 12	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0289	-29 CH'D DIM WAS 10.28 IS 10.47, WAS 14.69 IS 14.89, WAS 4X R.64 IS 4X 45°, AND 4X .67, WAS 5.44 IS 5.54, WAS 4X R.25 IS 4X R.28, CH'D MATERIAL WAS Y20 BLACK, IS ETHAFOAM 220, BLACK, CASE SOLUTIONS.	10/18/2016	RJC	JAG



(-29)
LID FOAM

DART AEROSPACE	
TITLE OUTPUT FLANGE SEAL EXCHANGE	
DWG NO. RBEW632V3008102-29	REV 2
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
FEAT TREAT FINISH	.XXX ± .010 FRACTIONS ± 1/8
	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
SPEC	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE 1:4	DATE 12/1/2015
SHEET 12 OF 12	